

- (iii) Country of ultimate destination.  
(2) [Reserved]

(f) *Frequency and timing of reports.* You must submit reports subject to the provisions of this section semiannually. The reports must be labeled with the exporting company's name and address at the top of each page and must include for each such export all the information specified in paragraph (e) of this section. The reports shall cover exports made during six month time periods spanning from January 1 through June 30 and July 1 through December 31.

(1) The first report must be submitted to and received by BXA no later than August 1, 1998 for the partial reporting period beginning January 15, 1998 and ending June 30, 1998. Thereafter, reports are due according to the provisions of paragraphs (f)(2) and (f)(3) of this section.

(2) Reports for the reporting period ending June 30 must be submitted to and received by BXA no later than August 1.

(3) Reports for the reporting period ending December 31 must be submitted to and received by BXA no later than February 1.

(g) *Mailing address and facsimile number:* (1) Two (2) copies of reports required under this section shall be delivered to one of the following addresses. BXA will not accept reports sent C.O.D.

(i) For deliveries by U.S. postal service:

Bureau of Export Administration, U.S. Department of Commerce, P.O. Box 273, Attn: "Wassenaar Reports", Washington, D.C. 20044

(ii) For courier deliveries:

Bureau of Export Administration, U.S. Department of Commerce, Attn: "Wassenaar Reports", Room 2705, 14th Street and Pennsylvania Ave., N.W., Washington, D.C. 20230

(2) Reports may also be sent by facsimile to: (202) 482-3345, Attn: "Wassenaar Reports".

(h) *Contacts.* General information concerning the Wassenaar Arrangement and reporting obligations thereof is available from the Office of Strategic Trade and Foreign Policy Con-

trols, Tel. (202) 482-0092, Fax: (202) 482-4094.

[63 FR 2458, Jan. 15, 1998, as amended at 63 FR 55020, Oct. 14, 1998; 63 FR 72165, Dec. 31, 1998; 64 FR 3214, Jan. 21, 1999; 64 FR 40110, July 23, 1999; 64 FR 47105, Aug. 30, 1999; 65 FR 12922, Mar. 10, 2000; 65 FR 34075, May 26, 2000; 65 FR 42568, July 10, 2000; 65 FR 60856, Oct. 13, 2000]

### § 743.2 [Reserved]

#### SUPPLEMENT NO. 1 TO PART 743— WASSENAAAR ARRANGEMENT MEMBER COUNTRIES

Argentina  
Australia  
Austria  
Belgium  
Bulgaria  
Canada  
Czech Republic  
Denmark  
Finland  
France  
Germany  
Greece  
Hungary  
Ireland  
Italy  
Japan  
Luxembourg  
Netherlands  
New Zealand  
Norway  
Poland  
Portugal  
Romania  
Russia  
Slovakia  
South Korea  
Spain  
Sweden  
Switzerland  
Turkey  
Ukraine  
United Kingdom  
United States

[63 FR 55020, Oct. 14, 1998]

### PART 744—CONTROL POLICY: END- USER AND END-USE BASED

Sec.

744.1 General provisions.

744.2 Restrictions on certain nuclear end-uses.

744.3 Restrictions on certain missile end-uses.

744.4 Restrictions on certain chemical and biological weapons end-uses.

744.5 Restrictions on certain maritime nuclear propulsion end-uses.

## § 744.1

- 744.6 Restrictions on certain activities of U.S. persons.
- 744.7 Restrictions on certain exports to and for the use of certain foreign vessels or aircraft.
- 744.8 Restrictions on certain exports to all countries for Libyan aircraft.
- 744.9 Restrictions on technical assistance by U.S. persons with respect to encryption items.
- 744.10 Restrictions on certain entities in Russia.
- 744.11 Restrictions on certain government, parastatal, and private entities in Pakistan and India.
- 744.12 Restrictions on certain military entities in Pakistan and India.
- 744.13 Restrictions on exports and certain reexports to specially designated terrorists.
- 744.14 Restrictions on exports and certain reexports to designated foreign terrorist organizations.
- 744.15 Restrictions on exports and reexports to persons named in General Orders.

SUPPLEMENT NO. 1 TO PART 744 [RESERVED]

SUPPLEMENT NO. 2 TO PART 744 [RESERVED]

SUPPLEMENT NO. 3 TO PART 744—COUNTRIES NOT SUBJECT TO CERTAIN NUCLEAR END-USE RESTRICTIONS IN § 744.2(A)

SUPPLEMENT NO. 4 TO PART 744—ENTITY LIST

AUTHORITY: 50 U.S.C. app. 2401 *et seq.*; Pub. L. No. 106-508; 50 U.S.C. 1701 *et seq.*; 22 U.S.C. 3201 *et seq.*; 42 U.S.C. 2139a; E.O. 12058, 43 FR 20947, 3 CFR, 1978 Comp., p. 179; E.O. 12851, 58 FR 33181, 3 CFR, 1993 Comp., p. 608; E.O. 12924, 59 FR 43437, 3 CFR, 1994 Comp., p. 917; E.O. 12938, 59 FR 59099, 3 CFR, 1994 Comp., p. 950; E.O. 13026, 61 FR 58767, 3 CFR, 1996 Comp., p. 228; Notice of November 9, 2000 (65 FR 68063, November 13, 2000); Notice of August 3, 2000 (65 FR 48347, August 8, 2000).

SOURCE: 61 FR 12802, Mar. 25, 1996, unless otherwise noted.

### § 744.1 General provisions.

(a) *Introduction.* In this part, references to the EAR are references to 15 CFR chapter VII, subchapter C. This part contains prohibitions against exports, reexports, and selected transfers to certain end-users and end-uses as introduced under General Prohibition Four (Denial Orders) and prohibitions against exports or reexports to certain end-uses as introduced, under General Prohibition Five (End-use/End-users). Sections 744.2, 744.3, 744.4, and 744.5 prohibit exports and reexports of items subject to the EAR to defined nuclear, missile, chemical and biological weapons, and nuclear maritime end-uses. Section 744.6 prohibits certain activi-

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ties by U.S. persons in support of certain nuclear, missile, chemical, or biological end-uses regardless of whether that support involves the export or re-export of items subject to the EAR. Sections 744.7 and 744.8 prohibit exports and reexports of certain items for certain aircraft and vessels. In addition, these sections include license review standards for export license applications submitted as required by these sections. It should also be noted that part 764 of the EAR prohibits exports, reexports and certain in-country transfers of items subject to the EAR to denied parties.

(b) *Steps.* The following are steps you should follow in using the provisions of this part:

(1) *Review end-use and end-user prohibitions.* First, review each end-use and end-user prohibition described in this part to learn the scope of these prohibitions.

(2) *Determine applicability.* Second, determine whether any of the end-use and end-user prohibitions described in this part are applicable to your planned export, reexport, or other activity. See Supplement No. 1 to part 732 for guidance.

(c) A list of entities is included in Supplement No. 4 to this part 744 of the EAR (Entity List). Exporters are hereby informed that these entities are ineligible to receive any items subject to the EAR without a license to the extent specified in the supplement. No License Exceptions are available for exports or reexports to listed entities of specified items, except License Exceptions for items destined to listed Indian or Pakistani entities intended to ensure the safety of civil aviation and safe operation of commercial passenger aircraft (see § 744.11(b) and § 744.12(b) of this part).

[61 FR 12802, Mar. 25, 1996, as amended at 62 FR 51370, Oct. 1, 1997; 63 FR 64324, Nov. 19, 1998]

### § 744.2 Restrictions on certain nuclear end-uses.

(a) *General prohibition.* In addition to the license requirements for items specified on the CCL, you may not export or reexport to any destination,

other than countries in the Supplement No. 3 to this part, any item subject to the EAR without a license if at the time of the export or reexport you know<sup>1</sup> the item will be used directly or indirectly in any one or more of the following activities described in paragraphs (a)(1), (a)(2), and (a)(3) of this section:

(1) *Nuclear explosive activities.* Nuclear explosive activities, including research on or development, design, manufacture, construction, testing or maintenance of any nuclear explosive device, or components or subsystems of such a device.<sup>23</sup>

(2) *Unsafeguarded nuclear activities.* Activities including research on, or development, design, manufacture, construction, operation, or maintenance of any nuclear reactor, critical facility, facility for the fabrication of nuclear fuel, facility for the conversion of nuclear material from one chemical form to another, or separate storage installation, where there is no obligation to accept International Atomic Energy Agency (IAEA) safeguards at the relevant facility or installation when it contains any source or special fission-

able material (regardless of whether or not it contains such material at the time of export), or where any such obligation is not met.

(3) *Safeguarded and unsafeguarded nuclear activities.* Safeguarded and unsafeguarded nuclear fuel cycle activities, including research on or development, design, manufacture, construction, operation or maintenance of any of the following facilities, or components for such facilities:<sup>4</sup>

(i) Facilities for the chemical processing of irradiated special nuclear or source material;

(ii) Facilities for the production of heavy water;

(iii) Facilities for the separation of isotopes of source and special nuclear material; or

(iv) Facilities for the fabrication of nuclear reactor fuel containing plutonium.

(b) *Additional prohibition on exporters or reexporters informed by BXA.* BXA may inform an exporter or reexporter, either individually by specific notice or through amendment to the EAR, that a license is required for export or reexport of specified items to specified end-users, because BXA has determined that there is an unacceptable risk of use in, or diversion to, any of the activities described in paragraph (a) of this section. Specific notice is to be given only by, or at the direction of, the Deputy Assistant Secretary for Export Administration. When such notice is provided orally, it will be followed by a written notice within two working days signed by the Deputy Assistant Secretary for Export Administration. The absence of any such notification does not excuse the exporter or reexporter from compliance with the license requirements of paragraph (a) of this section.

(c) *Exceptions.* Despite the prohibitions described in paragraphs (a) and (b) of this section, you may export technology subject to the EAR under the operation technology and software

<sup>1</sup>Part 772 of the EAR defines "knowledge" for all of the EAR except part 760, Restrictive Trade Practices and Boycotts. The definition, which includes variants such as "know" and "reason to know", encompasses more than positive knowledge. Thus, the use of "know" in this section in place of the former wording "know or have reason to know" does not lessen or otherwise change the responsibilities of persons subject to the EAR.

<sup>2</sup>Nuclear explosive devices and any article, material, equipment, or device specifically designed or specially modified for use in the design, development, or fabrication of nuclear weapons or nuclear explosive devices are subject to export licensing or other requirements of the Office of Defense Trade Controls, U.S. Department of State, or the licensing or other restrictions specified in the Atomic Energy Act of 1954, as amended. Similarly, items specifically designed or specifically modified for use in devising, carrying out, or evaluating nuclear weapons tests or nuclear explosions (except such items as are in normal commercial use for other purposes) are subject to the same requirements.

<sup>3</sup>Also see §§744.5 and 748.4 of the EAR for special provisions relating to technical data for maritime nuclear propulsion plants and other commodities.

<sup>4</sup>Such activities may also require a specific authorization from the Secretary of Energy pursuant to §57.b.(2) of the Atomic Energy Act of 1954, as amended, as implemented by the Department of Energy's regulations published in 10 CFR 810.

or sales technology and software provisions of License Exception TSU (see § 740.13 (a) and (b)), but only to and for use in countries listed in Country Group A:1 (see Supplement No. 1 to part 740 of the EAR), Iceland and New Zealand. Notwithstanding the provisions of part 740 of the EAR, the provisions of § 740.13 (a) and (b) will only overcome general prohibition five for countries listed in Country Group A:1, Iceland and New Zealand.

(d) *License review standards.* The following factors are among those used by the United States to determine whether to grant or deny license applications required under this section:

(1) Whether the commodities, software, or technology to be transferred are appropriate for the stated end-use and whether that stated end-use is appropriate for the end-user;

(2) The significance for nuclear purposes of the particular commodity, software, or technology;

(3) Whether the commodities, software, or technology to be exported are to be used in research on or for the development, design, manufacture, construction, operation, or maintenance of any reprocessing or enrichment facility;

(4) The types of assurances or guarantees given against use for nuclear explosive purposes or proliferation in the particular case;

(5) Whether the end-user has been engaged in clandestine or illegal procurement activities;

(6) Whether an application for a license to export to the end-user has previously been denied, or whether the end-user has previously diverted items received under a license, License Exception, or NLR to unauthorized activities;

(7) Whether the export would present an unacceptable risk of diversion to a nuclear explosive activity or unsafeguarded nuclear fuel-cycle activity described in § 744.2 of this part; and

(8) The nonproliferation credentials of the importing country, based on consideration of the following factors:

(i) Whether the importing country is a party to the Nuclear Non-Proliferation Treaty (NPT) or to the Treaty for the Prohibition of Nuclear Weapons in Latin America (Treaty of Tlatelolco)

(see Supplement No. 2 to part 742 of the EAR), or to a similar international legally-binding nuclear nonproliferation agreement;

(ii) Whether the importing country has all of its nuclear activities, facilities or installations that are operational, being designed, or under construction, under International Atomic Energy Agency (IAEA) safeguards or equivalent full scope safeguards;

(iii) Whether there is an agreement for cooperation in the civil uses of atomic energy between the U.S. and the importing country;

(iv) Whether the actions, statements, and policies of the government of the importing country are in support of nuclear nonproliferation and whether that government is in compliance with its international obligations in the field of nonproliferation;

(v) The degree to which the government of the importing country cooperates in nonproliferation policy generally (e.g., willingness to consult on international nonproliferation issues);

(vi) Intelligence data on the importing country's nuclear intentions and activities.

[61 FR 12802, Mar. 25, 1996, as amended at 61 FR 64284, Dec. 4, 1996; 62 FR 25459, May 9, 1997]

**§ 744.3 Restrictions on certain missile end-uses.**

(a) *General prohibition.* In addition to the license requirements for items specified on the CCL, you may not export or reexport an item subject to the EAR without a license if at the time of the export or reexport you know the item:

(1) Is destined to or for a project listed in the footnote to Country Group D:4 (see Supplement No. 1 to part 740 of the EAR); or

(2) Will be used in the design, development, production or use of missiles in or by a country listed in Country Group D:4, whether or not that use involves a listed project.

(b) *Additional prohibition on exporters informed by BXA.* BXA may inform the exporter or reexporter, either individually by specific notice or through amendment to the EAR, that a license is required for a specific export or reexport, or for exports or reexports of

specified items to a certain end-user, because there is an unacceptable risk of use in or diversion to activities described in paragraph (a) of this section, anywhere in the world. Specific notice is to be given only by, or at the direction of, the Deputy Assistant Secretary for Export Administration. When such notice is provided orally, it will be followed by a written notice within two working days signed by the Deputy Assistant Secretary for Export Administration. However, the absence of any such notification does not excuse the exporter from compliance with the license requirements of paragraph (a) of this section. An illustrative list of projects is included in a footnote to Country Group D:4. Exporters and re-exporters are deemed to have been informed that an individual license is required to export or reexport to these projects. Exporters should be aware that the list of projects in Country Group D:4 is not comprehensive; extra caution should be exercised when making any shipments to a country listed in Country Group D:4.

(c) *Exceptions.* No License Exceptions apply to the prohibitions described in paragraph (a) and (b) of this section.

(d) *License review standards for certain missile end-uses.* (1) Applications to export the items subject to this section will be considered on a case-by-case basis to determine whether the export would make a material contribution to the proliferation of missiles. When an export is deemed to make a material contribution, the license will be denied.

(2) The following factors are among those that will be considered to determine what action should be taken on an application required by this section:

- (i) The specific nature of the end-use;
- (ii) The significance of the export in terms of its contribution to the design, development, production, or use of missiles;
- (iii) The capabilities and objectives of the missile and space programs of the recipient country;
- (iv) The non-proliferation credentials of the importing country;
- (v) The types of assurances or guarantees against design, development, production or use for missiles delivery

purposes that are given in a particular case; and

- (vi) The existence of a pre-existing contract.

[61 FR 12802, Mar. 25, 1996, as amended at 62 FR 25459, May 9, 1997]

#### **§ 744.4 Restrictions on certain chemical and biological weapons end-uses.**

(a) *General prohibition.* In addition to the license requirements for items specified on the CCL, you may not export or reexport an item subject to the EAR without a license if at the time of the export or reexport you know the item will be used in the design, development, production, stockpiling, or use of chemical or biological weapons in or by a country listed in Country Group D:3 (see Supplement No. 1 to part 740 of the EAR).

(b) *Additional prohibition on exporters informed by BXA.* BXA may inform the exporter or reexporter, either individually by specific notice or through amendment to the EAR, that a license is required for a specific export or reexport, or for export or reexport of specified items to a certain end-user, because there is an unacceptable risk of use in or diversion to such activities, anywhere in the world. Specific notice is to be given only by, or at the direction of, the Deputy Assistant Secretary for Export Administration. When such notice is provided orally, it will be followed by a written notice within two working days signed by the Deputy Assistant Secretary for Export Administration. However, the absence of any such notification does not excuse the exporter from compliance with the license requirements of paragraph (a) of this section.

(c) *Exceptions.* No License Exceptions apply to the prohibitions described in paragraphs (a) and (b) of this section.

(d) *License review standards.* (1) Applications to export or reexport items subject to this section will be considered on a case-by-case basis to determine whether the export or reexport would make a material contribution to the design, development, production, stockpiling, or use of chemical or biological weapons. When an export is deemed to make such a contribution, the license will be denied.

## § 744.5

(2) The following factors are among those that will be considered to determine what action should be taken on an application required under this section:

- (i) The specific nature of the end-use;
- (ii) The significance of the export in terms of its contribution to the design, development, production, stockpiling, or use of chemical or biological weapons;
- (iii) The non-proliferation credentials of the importing country;
- (iv) The types of assurances or guarantees against design, development, production, stockpiling, or use of chemical or biological weapons that are given in a particular case; and
- (v) The existence of a pre-existing contract.<sup>5</sup>

[61 FR 12802, Mar. 25, 1996, as amended at 62 FR 25459, May 9, 1997]

## § 744.5 Restrictions on certain maritime nuclear propulsion end-uses.

(a) *General prohibition.* In addition to the license requirements for items specified on the CCL, you may not export or reexport certain technology subject to the EAR without a license if at the time of the export or reexport you know the item is for use in connection with a foreign maritime nuclear propulsion project. This prohibition applies to any technology relating to maritime nuclear propulsion plants, their land prototypes, and special facilities for their construction, support, or maintenance, including any machinery, devices, components, or equipment specifically developed or designed for use in such plants or facilities.

(b) *Exceptions.* The exceptions provided in part 740 of the EAR do not apply to the prohibitions described in paragraph (a) of this section.

(c) *License review standards.* It is the policy of the United States Government not to participate in and not to authorize United States firms or individuals to participate in foreign naval nuclear propulsion plant projects, except under an Agreement for Cooperation on naval nuclear propulsion executed in accordance with § 123(d) of the Atomic Energy Act of 1954. However, it

<sup>5</sup> See Supplement No. 1 to part 742 of the EAR for relevant contract sanctity dates.

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is the policy of the United States Government to encourage United States firms and individuals to participate in maritime (civil) nuclear propulsion plant projects in friendly foreign countries provided that United States naval nuclear propulsion information is not disclosed.

[61 FR 12802, Mar. 25, 1996, as amended at 62 FR 25459, May 9, 1997]

## § 744.6 Restrictions on certain activities of U.S. persons.

(a) *General prohibitions*—(1) *Activities related to exports.* (i) No U.S. person as defined in paragraph (c) of this section may, without a license from BXA, export, reexport, or transfer to or in any country any item where that person knows that such items:

(A) Will be used in the design, development, production, or use of nuclear explosive devices in or by a country listed in Country Group D:2 (see Supplement No. 1 to part 740 of the EAR).

(B) Will be used in the design, development, production, or use of missiles in or by a country listed in Country Group D:4 (see Supplement No. 1 to part 740 of the EAR); or

(C) Will be used in the design, development, production, stockpiling, or use of chemical or biological weapons in or by a country listed in Country Group D:3 (see Supplement No. 1 to part 740 of the EAR).

(ii) No U.S. person shall, without a license from BXA, knowingly support an export, reexport, or transfer that does not have a license as required by this section. Support means any action, including financing, transportation, and freight forwarding, by which a person facilitates an export, reexport, or transfer without being the actual exporter or reexporter.

(2) *Other activities unrelated to exports.* No U.S. person shall, without a license from BXA:

(i) Perform any contract, service, or employment that the U.S. person knows will directly assist in the design, development, production, or use of missiles in or by a country listed in Country Group D:4 (see Supplement No. 1 to part 740 of the EAR); or

(ii) Perform any contract, service, or employment that the U.S. person knows directly will directly assist in

the design, development, production, stockpiling, or use of chemical or biological weapons in or by a country listed in Country Group D:3 (see Supplement No. 1 to part 740 of the EAR).

(3) *Whole plant requirement.* No U.S. person shall, without a license from BXA, participate in the design, construction, export, or reexport of a whole plant to make chemical weapons precursors identified in ECCN 1C350, in countries other than those listed in Country Group A:3 (Australia Group) (See Supplement No. 1 to part 740 of the EAR).

(b) *Additional prohibitions on U.S. persons informed by BXA.* BXA may inform U.S. persons, either individually or through amendment to the EAR, that a license is required because an activity could involve the types of participation and support described in paragraph (a) of this section anywhere in the world.

Specific notice is to be given only by, or at the direction of, the Deputy Assistant Secretary for Export Administration. When such notice is provided orally, it will be followed by a written notice within two working days signed by the Deputy Assistant Secretary for Export Administration. However, the absence of any such notification does not excuse the exporter from compliance with the license requirements of paragraph (a) of this section.

(c) *Definition of U.S. person.* For purposes of this section, the term U.S. person includes:

(1) Any individual who is a citizen of the United States, a permanent resident alien of the United States, or a protected individual as defined by 8 U.S.C. 1324b(a)(3);

(2) Any juridical person organized under the laws of the United States or any jurisdiction within the United States, including foreign branches; and

(3) Any person in the United States.

(d) *Exceptions.* No License Exceptions apply to the prohibitions described in paragraphs (a) and (b) of this section.

(e) *License review standards.* Applications to engage in activities otherwise prohibited by this section will be denied if the activities would make a material contribution to the design, development, production, stockpiling, or use

of nuclear explosive devices, chemical or biological weapons, or of missiles.

[61 FR 12802, Mar. 25, 1996, as amended at 62 FR 25459, May 9, 1997]

**§ 744.7 Restrictions on certain exports to and for the use of certain foreign vessels or aircraft.**

(a) *General end-use prohibition.* In addition to the license requirements for items specified on the CCL, you may not export or reexport an item subject to the EAR to, or for the use of, a foreign vessel or aircraft, whether an operating vessel or aircraft or one under construction, located in any port including a Canadian port, unless a License Exception or NLR permits the shipment to be made:

(1) To the country in which the vessel or aircraft is located, and

(2) To the country in which the vessel or aircraft is registered, or will be registered in the case of a vessel or aircraft under construction, and

(3) To the country, including a national thereof, which is currently controlling, leasing, or chartering the vessel or aircraft.

(b) *Exception for U.S. and Canadian carriers.* (1) Notwithstanding the general end-use prohibition in paragraph (a) of this section, export and reexport may be made of the commodities described in paragraph (b)(3) of this section, for use by or on a specific vessel or plane of U.S. or Canadian registry located at any seaport or airport outside the United States or Canada except a port in Country Group D:1 (excluding the PRC and Romania), (see Supplement No. 1 to part 740) provided that such commodities are<sup>6</sup> all of the following:

(i) Ordered by the person in command or the owner or agent of the vessel or plane to which they are consigned;

(ii) Intended to be used or consumed on board such vessel or plane and necessary for its proper operation;

(iii) In usual and reasonable kinds and quantities during times of extreme need, except that usual and reasonable quantities of ship's bunkers or aviation fuel are considered to be only that

<sup>6</sup>Where a license is required, see §§ 748.2 and 748.4(g) of the EAR.

## § 744.8

quantity necessary for a single onward voyage or flight; and

(iv) Shipped as cargo for which a Shipper's Export Declaration (SED) is filed with the carrier, except that an SED is not required when any of the commodities, other than fuel, is exported by U.S. airlines to their own aircraft abroad for their use.

(2) *Exports to U.S. or Canadian Airline's Installation or Agent.* Exports and reexports of the commodities described in paragraph (e) of this section, except fuel, may be made to a U.S. or Canadian airline's installation or agent in any foreign destination except Country Group D:1 (excluding the PRC and Romania), (see Supplement No. 1 to part 740) provided such commodities are all of the following:

(i) Ordered by a U.S. or Canadian airline and consigned to its own installation or agent abroad;

(ii) Intended for maintenance, repair, or operation of aircraft registered in either the United States or Canada, and necessary for the aircraft's proper operation, except where such aircraft is located in, or owned, operated or controlled by, or leased or chartered to, Country Group D:1 (excluding the PRC) (see Supplement No. 1 to part 740) or a national of such country;

(iii) In usual and reasonable kinds and quantities; and

(iv) Shipped as cargo for which a Shipper's Export Declaration (SED) is filed with the carrier, except that an SED is not required when any of these commodities is exported by U.S. airlines to their own installations and agents abroad for use in their aircraft operations.

(3) *Applicable commodities.* This § 744.7 applies to the commodities listed subject to the provisions in paragraph (b) of this section:

(i) Fuel, except crude petroleum and blends of unrefined crude petroleum with petroleum products, which is of non-Naval Petroleum Reserves origin or derivation (refer to short supply controls in part 754 of the EAR);

(ii) Deck, engine, and steward department stores, provisions, and supplies for both port and voyage requirements, except crude petroleum, provided that any commodities which are listed in Supplement No. 2 to part 754 of the

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EAR are of non-Naval Petroleum Reserves origin or derivation (refer to short supply controls in part 754 of the EAR);

(iii) Medical and surgical supplies;

(iv) Food stores;

(v) Slop chest articles;

(vi) Saloon stores or supplies; and

(vii) Equipment and spare parts.

[61 FR 12802, Mar. 25, 1996, as amended at 65 FR 38160, June 19, 2000]

### § 744.8 Restrictions on certain exports to all countries for Libyan aircraft.

(a) *General end-use prohibition for Libyan aircraft.* In addition to the license requirements for items specified on the CCL, you may not export or reexport to any destination such parts and accessories specified in paragraph (b) of this section if intended for use in the manufacture, overhaul, or rehabilitation in any country of aircraft that will be exported or reexported to Libya or Libyan nationals.

(b) *Scope of products subject to end-use prohibition for Libyan aircraft.* The general end-use prohibition in paragraph (a) of this section applies to items controlled by ECCNs 6A008, 6A108, 6A998, 7A001, 7A002, 7A003, 7A004, 7A006, 7A101, 7A102, 7A103, 7A104, 7A994, 9A001, 9A003, 9A018.a, 9A101, and 9A991.

[61 FR 12802, Mar. 25, 1996, as amended at 63 FR 42229, Aug. 7, 1998]

### § 744.9 Restrictions on technical assistance by U.S. persons with respect to encryption items.

(a) *General prohibition.* No U.S. person may, without authorization from BXA, provide technical assistance (including training) to foreign persons with the intent to aid a foreign person in the development or manufacture outside the United States of encryption commodities and software that, if of United States origin, would be controlled for EI reasons under ECCN 5A002 or 5D002. Technical assistance may be exported immediately to nationals of the countries listed in Supplement 3 to part 740 of the EAR (except for technical assistance to government end-users for cryptanalytic items) provided the exporter has submitted to BXA a completed classification request by the time of export. Note that this prohibition does not apply if the U.S. person



providing the assistance has a license or is otherwise entitled to export the encryption commodities and software in question to the foreign person(s) receiving the assistance. Note in addition that the mere teaching or discussion of information about cryptography, including, for example, in an academic setting or in the work of groups or bodies engaged in standards development, by itself would not establish the intent described in this section, even where foreign persons are present.

(b) *Definition of U.S. person.* For purposes of this section, the term U.S. person includes:

(1) Any individual who is a citizen or permanent resident alien of the United States;

(2) Any juridical person organized under the laws of the United States or any jurisdiction within the United States, including foreign branches; and

(3) Any person in the United States.

(c) *License review standards.* Applications involving activities described in this section will be reviewed on a case-by-case basis to determine whether the activity is consistent with U.S. national security and foreign policy interests.

[61 FR 68584, Dec. 30, 1996, as amended at 65 FR 62609, Oct. 19, 2000]

#### § 744.10 Restrictions on certain entities in Russia.

(a) *General prohibition.* Certain entities in Russia are included in Supplement No. 4 to this part 744 (Entity List). (See also § 744.1(c) of the EAR.) Exporters are hereby informed that these entities are ineligible to receive any items subject to the EAR without a license.

(b) *Exceptions.* No License Exceptions apply to the prohibition described in paragraph (a) of this section.

(c) *License review standards.* Applications to export or reexport items subject to the EAR to these entities will be reviewed with a presumption of denial.

[64 FR 14605, Mar. 26, 1999]

#### § 744.11 Restrictions on certain government, parastatal, and private entities in Pakistan and India.

To supplement sanctions measures against India and Pakistan, set forth in

§ 742.16 of the EAR, a prohibition is imposed on exports and reexports to certain government, parastatal, and private entities in India and Pakistan determined to be involved in nuclear or missile activities. With respect to subordinates of listed entities in India and Pakistan, only those specifically listed in Supplement No. 4 to part 744, Entity List, are subject to the restrictions and policies set forth in this section. The addition or deletion of entities to or from Supplement No. 4 to part 744, Entity List, does not relieve you of your obligations under General Prohibition 5 in § 736.2(b)(5) of the EAR: “you may not, without a license, knowingly export or reexport any item subject to the EAR to an end-user or end-use that is prohibited by part 744 of the EAR.” You are urged to use the guidance in Supplement No. 3 to part 732 of the EAR, “BXA’s “Know Your Customer” Guidance and Red Flags” when exporting or reexporting to India and Pakistan.

(a) *General restriction.* Certain government, parastatal, and private entities in India and Pakistan determined to be involved in nuclear or missile activities are included in Supplement No. 4 to this part 744 (Entity List). (See also § 744.1(c) of the EAR.) These entities are ineligible to receive exports or reexports of items subject to the EAR without a license. Exports and reexports of all items subject to the EAR to listed government, parastatal, and private entities require a license. A license is also required if you know that the ultimate consignee or end-user is a listed government, parastatal, or private Indian or Pakistani entity, and the item is subject to the EAR.

(b) *Exceptions.* No License Exceptions are available to the entities described in paragraph (a) of this section, except those applicable to items listed in § 740.2(a)(5) of the EAR, which remain available to such entities when intended to ensure the safety of civil aviation and safe operation of commercial passenger aircraft.

(c) *License review standards.* (1) *Government entities.* Applications to export or reexport items controlled for NP or MT reasons to listed government entities will be denied, except items intended for the preservation of safety of

civil aircraft, which will be reviewed on a case-by-case basis; and computers, which will be reviewed with a presumption of denial. Items classified as EAR99 will be reviewed with a presumption of approval. All other items subject to the EAR to these listed entities will be reviewed with a presumption of denial.

(2) *Parastatal and private entities.* Applications to export or reexport items controlled for NP or MT reasons to certain parastatal and private entities will be denied, except items intended to ensure the safety of civil aviation and safe operation of commercial passenger aircraft, which will be reviewed on a case-by-case basis; and computers, which will be reviewed with a presumption of denial. Items classified as EAR99 will be reviewed with a presumption of approval. All other items subject to the EAR to these listed entities will be reviewed with a presumption of denial. Except for items controlled for NP or MT reasons, exports or reexports to listed parastatals and private entities with whom you have a preexisting business arrangement will be considered on a case-by-case basis, with a presumption of approval in cases where neither the arrangement nor the specific transaction involves nuclear or missile activities and the exports or reexports are pursuant to that arrangement. Because EAR99 items have a license review policy of presumption of approval, you may choose not to provide documentation of such arrangements for those items. The term “business arrangement” covers the full range of business agreements, including general contracts, general terms agreements (*e.g.*, agreements whereby the seller delivers products under purchase orders to be issued by the buyer), general business agreements, offset agreements, letter agreements that are stand-alone contracts, and letter agreements that are amendments to existing contracts or other agreements. The terms of the preexisting business arrangement policy may also apply to the longstanding continued supply of a particular item or items from the exporter to the entity even when there is no current agreement between the firms. BXA, in conjunction with other agencies, will de-

termine eligibility under the preexisting business arrangement policy. In order to be eligible under the policy, you must provide documentation to establish such an arrangement. The documentation should be provided at the time you submit a license application to export or reexport items to any listed parastatal or private entity.

[63 FR 64324, Nov. 19, 1998, as amended at 65 FR 14445, Mar. 17, 2000]

#### **§ 744.12 Restrictions on certain military entities in Pakistan and India.**

(a) *General restriction.* Certain military entities in India and Pakistan are included in Supplement No. 4 to this part 744 (Entity List). (See also § 744.1(c) of the EAR.) These entities are ineligible to receive exports or reexports of all items subject to the EAR having a classification other than EAR99 without a license. Exports and reexports of all items subject to the EAR having a classification other than EAR99 to listed military entities require a license. A license is also required if you know that the ultimate consignee or end-user is a listed military Indian or Pakistani entity, and the item is subject to the EAR having a classification other than EAR99.

(b) *Exceptions.* No License Exceptions are available to the entities described in paragraph (a) of this section, except those applicable to items listed in § 740.2(a)(5) of the EAR, which remain available to such entities when intended to ensure the safety of civil aviation and safe operation of commercial passenger aircraft.

(c) *License review policy.* Applications to export or reexport items controlled for NP or MT reasons to listed military entities will be denied, except items intended to ensure the safety of civil aviation and safe operation of commercial passenger aircraft, which will be reviewed on a case-by-case basis; and computers, which will be reviewed with a presumption of denial. All other license applications will be reviewed with a presumption of denial.

[63 FR 64325, Nov. 19, 1998]

**§ 744.13 Restrictions on exports and certain reexports to specially designated terrorists.**

Consistent with the purpose of Executive Order 12947 of January 23, 1995, BXA maintains restrictions on exports and certain reexports to Specially Designated Terrorists. Executive Order 12947 prohibits transactions by U.S. persons with terrorists who threaten to disrupt the Middle East peace process. Pursuant to the Executive Order, the Department of the Treasury, Office of Foreign Assets Control (OFAC), maintains 31 CFR part 595, the Terrorism Sanctions Regulations. In the Appendices to 31 CFR Chapter V, pursuant to 31 CFR part 595, these Specially Designated Terrorists are identified by the bracketed suffix initials [SDT]. The requirements set forth below further the objectives of Executive Order 12947.

(a) *License requirement(s).* (1) All exports and reexports to an SDT by a U.S. person of any item subject to the EAR; and

(2) A license requirement applies to all exports and reexports to an SDT of any item subject to the EAR on the Commerce Control List (CCL).

(3) To avoid duplication, U.S. persons are not required to seek separate authorization for an export or reexport subject both to the EAR and to OFAC's Terrorism Sanctions Regulations. Therefore, if OFAC authorizes an export or reexport by a U.S. person to a SDT, no separate authorization from BXA is necessary.

(4) Any export or reexport by a U.S. person of any item subject to both the EAR and OFAC's Terrorism Sanctions Regulations and not authorized by OFAC is a violation of the EAR. Any export from abroad or reexport by a non-U.S. person of items requiring a license pursuant to this section and not authorized by BXA is a violation of the EAR.

(5) These licensing requirements supplement any other requirements set forth elsewhere in the EAR.

(b) *Exceptions.* No License Exceptions or other BXA authorization for items described by paragraph (a) of this section are available for exports or reexports to SDTs.

(c) *Licensing policy.* Applications for licenses required by paragraph (a) of

this section generally will be denied. You should consult with OFAC concerning transactions subject to OFAC licensing requirements.

(d) *Contract sanctity.* Contract sanctity provisions are not available for license applications reviewed under this section.

[64 FR 1121, Jan. 8, 1999]

**§ 744.14 Restrictions on exports and certain reexports to designated foreign terrorist organizations.**

Consistent with the objectives of sections 302 and 303 of the Anti-Terrorism and Effective Death Penalty Act (Anti-Terrorism Act) (Pub.L. 104-132, 110 Stat. 1214-1319), BXA maintains restrictions on exports and certain reexports to designated Foreign Terrorist Organizations. The Secretary of State has designated certain designated Foreign Terrorist Organizations pursuant to section 302 of the Anti-Terrorism Act. Also pursuant to section 302 of the Anti-Terrorism Act, the Department of the Treasury, Office of Foreign Assets Control, maintains 31 CFR part 597, the Foreign Terrorist Organizations Sanctions Regulations, requiring U.S. financial institutions to block all financial transactions involving assets of designated Foreign Terrorist Organizations within the possession or control of such U.S. financial institutions. Section 303 of the Anti-Terrorism Act prohibits persons within the United States or subject to U.S. jurisdiction from knowingly providing material support or resources to a designated Foreign Terrorist Organization and makes violations punishable by criminal penalties under title 18, United States Code. These designated Foreign Terrorist Organizations are listed in the Appendices to 31 CFR Chapter V and identified by the bracketed suffix initials [FTO]. The export control requirements set forth below further the objectives of the Anti-Terrorism Act.

(a) *License requirement(s).* A license requirement applies to:

(1) All exports and reexports to an FTO of any item subject to the EAR on the Commerce Control List (CCL); and

(2) All exports and reexports to an FTO by a U.S. person of any item subject to the EAR.

**§ 744.15**

(3) Any export or reexport by a U.S. person prohibited by the EAR and not authorized by BXA is a violation of the EAR. Any export from abroad or reexport by a non-U.S. person of items requiring a license pursuant to this section and not authorized by BXA is a violation of the EAR.

(4) These licensing requirements supplement any other requirements set forth elsewhere in the EAR.

(b) *Exceptions.* No License Exceptions or other BXA authorization for items described by paragraph (a) of this section are available for exports or reexports to FTOs.

(c) *Licensing policy.* Applications for exports and reexports to FTOs of all items identified by paragraphs (a)(1) and (a)(2) of this section will generally be denied, to the extent they constitute material support or resources, as defined in 18 U.S.C. 2339A(b).

(d) *Contract sanctity.* Contract sanctity provisions are not available for license applications reviewed under this section.

NOTE TO §744.14: This section does not implement, construe, or limit the scope of any criminal statute, including (but not limited to) 18 U.S.C. 2339B(a)(1) and 2339A, and does not excuse any person from complying with any criminal statute, including (but not limited to) 18 U.S.C. 2339B(a)(1) and 18 U.S.C. 2339A.

[64 FR 1122, Jan. 8, 1999]

**§ 744.15 Restrictions on exports and reexports to persons named in General Orders.**

Supplement No. 1 to part 736 of the EAR names certain persons (individ-

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uals and other legal entities) subject to special restrictions with respect to exports and reexports subject to the EAR. You may not violate any order issued under or made a part of the EAR, per General Prohibition nine of part 736 of the EAR.

[65 FR 76562, Dec. 7, 2000]

SUPPLEMENT NO. 1 TO PART 744  
[RESERVED]

SUPPLEMENT NO. 2 TO PART 744  
[RESERVED]

SUPPLEMENT NO. 3 TO PART 744—COUNTRIES NOT SUBJECT TO CERTAIN NUCLEAR END-USE RESTRICTIONS IN §744.2(A)

Australia  
Belgium  
Canada  
Denmark  
France  
Germany  
Greece  
Iceland  
Italy (includes San Marino and Holy See)  
Japan  
Luxembourg  
Netherlands  
New Zealand  
Norway  
Portugal  
Spain  
Turkey  
United Kingdom

[61 FR 12802, Mar. 25, 1996, as amended at 62 FR 25459, May 9, 1997]

SUPPLEMENT NO. 4 TO PART 744—ENTITY LIST

Country	Entity	License requirement	License review policy	Federal Register citation
This Supplement lists certain entities subject to license requirements for specified items under this part 744 of the EAR. License requirements for these entities includes exports and reexports, unless otherwise stated. This list of entities is revised and updated on a periodic basis in this Supplement by adding new or amended notifications and deleting notifications no longer in effect.				
CHINA, PEOPLE'S REPUBLIC OF.	Beijing Aerospace Automatic Control Institute, 51 Yong Ding Road Beijing.	For all items subject to the EAR having a classification other than EAR99.	See § 744.3 of this part .....	64 FR May 28, 1999.
	Beijing Institute of Structure and Environmental Engineering, a.k.a., Beijing Institute of Strength and Environmental Engineering, No. 36 Wanyuan Road Beijing.	For all items subject to the EAR having a classification other than EAR99.	See § 744.3 of this part .....	64 FR May 28, 1999.
	Chinese Academy of Engineering Physics (aka Ninth Academy, including the Southwest Institutes of: Applied Electronics, Chemical Materials, Electronic Engineering, Explosives and Chemical Engineering, Environmental Testing, Fluid Physics, General Designing and Assembly, Machining Technology, Materials, Nuclear Physics and Chemistry, Structural Mechanics; Research and Applications of Special Materials Factory; Southwest Computing Center (all of preceding located in or near Mianyang, Sichuan Province); Institute of Applied Physics and Computational Mathematics, Beijing; and High Power Laser Laboratory, Shanghai).	For all items subject to the EAR.	Case-by-case basis .....	62 FR 35334, 6/30/97.
	China Aerodynamics Research and Development Center (CARDIC) Sichuan Province.	For all items subject to the EAR having a classification other than EAR99.	See § 744.3 of this part .....	64 FR May 28, 1999.
	Northwest Institute of Nuclear Technology, in the Science Research, Xi'an, Shaanxi.	For all items subject to the EAR.	See § 744.2 of this part .....	64 FR May 28, 1999.
	Shanghai Academy of Spaceflight Technology, Shanghai, Spaceflight Tower 222 Cao Xi Road Shanghai, 20023.	For all items subject to the EAR having a classification other than EAR99.	See § 744.3 of this part .....	64 FR May 28, 1999.
	Shanghai Institute of Space Power-Sources, Shanghai, 388 Cang Wu Rd Shanghai.	For all items subject to the EAR having a classification other than EAR99.	See § 744.3 of this part .....	64 FR May 28, 1999.
INDIA .....	Aeronautical Development Agency, Ministry of Defense, Bangalore.	For all items subject to the EAR.	See § 744.11(c)(1) of this part.	63 FR 64322, 11/19/98; 65 FR 14446, 3/17/00.
	Aerospace Division, Hindustan Aeronautics Limited (HAL), Bangalore.	For all items subject to the EAR.	See § 744.11(c)(2) of this part.	63 FR 64322, 11/19/98; 65 FR 14446, 3/17/00.
	Atomic Energy Commission (AEC) located in Mumbai (formerly Bombay).	For all items subject to the EAR.	See § 744.11(c)(1) of this part.	63 FR 64322, 11/19/98; 65 FR 14446, 3/17/00.
	Atomic Energy Regulatory Board (AERB), Mumbai (formerly Bombay).	For all items subject to the EAR.	See § 744.11(c)(1) of this part.	63 FR 64322, 11/19/98; 65 FR 14446, 3/17/00.
	AURO Engineering, Pondicherry .....	For all items subject to the EAR.	See § 744.11(c)(2) of this part.	63 FR 64322, 11/19/98; 65 FR 14446, 3/17/00.

Country	Entity	License requirement	License review policy	Federal Register citation
	Baroda Ammonia Plant, (collocated with the Baroda Heavy Water Production Facility), Gujarat Fertilizers, Baroda.	For all items subject to the EAR.	See § 744.11(c)(2) of this part.	63 FR 64322, 11/19/98; 65 FR 14446, 3/17/00.
	Bharat Dynamics Limited, Bhanur and Hyderabad .....	For all items subject to the EAR.	See § 744.11(c)(2) of this part.	63 FR 64322, 11/19/98; 65 FR 14446, 3/17/00.
	Bharat Earth Movers Limited (BEML), Bangalore .....	For all items subject to the EAR.	See § 744.11(c)(2) of this part.	63 FR 64322, 11/19/98; 65 FR 14446, 3/17/00.
	Bharat Electronics Limited (BEL), Bangalore, Ghaziabad, and Hyderabad.	For all items subject to the EAR.	See § 744.11(c)(2) of this part.	62 FR 26922, 5/16/97; 62 FR 51369, 10/1/97; 63 FR 64322, 11/19/98; 65 FR 14446, 3/17/00.
	Bharat Heavy Electrical Limited (BHEL), Trichy (Tiruchirappalli), Hyderabad, and New Delhi.	For all items subject to the EAR.	See § 744.11(c)(2) of this part.	63 FR 64322, 11/19/98; 65 FR 14446, 3/17/00.
	Central Manufacturing Technology Institute, a.k.a. Central Machine Tool Institute, Bangalore.	For all items subject to the EAR.	See § 744.11(c)(1) of this part.	63 FR 64322, 11/19/98; 65 FR 14446, 3/17/00.
	Centre for Development of Advanced Computing, Department of Electronics, Pune.	For all items subject to the EAR.	See § 744.11(c)(1) of this part.	63 FR 64322, 11/19/98; 65 FR 14447, 3/17/00.
	Defence Research and Development Organization (DRDO) located in New Delhi and subordinate entities specifically listed in Appendix A to this supplement.	For all items subject to the EAR.	See § 744.11(c)(1) of this part.	63 FR 64322, 11/19/98; 65 FR 14447, 3/17/00.
	Department of Atomic Energy (DAE) located in Mumbai (formerly Bombay) and the subordinate entities specifically listed in Appendix A to this supplement.	For all items subject to the EAR.	See § 744.11(c)(1) of this part.	63 FR 64322, 11/19/98; 65 FR 14447, 3/17/00.
	Department of Defense Production and Supplies (DDPS) and the subordinate entities specifically listed in Appendix A to this supplement.	For all items subject to the EAR having a classification other than EAR99.	See § 744.12(c) of this part.	63 FR 64322, 11/19/98; 65 FR 14447, 3/17/00.
	Department of Space (DOS) located in Bangalore and the subordinate entities specifically listed in Appendix A to this supplement.	For all items subject to the EAR.	See § 744.11(c)(1) of this part.	63 FR 64322, 11/19/98; 65 FR 14447, 3/17/00.
	Electronics Corporation of India, Ltd. (ECIL), Hyderabad.	For all items subject to the EAR.	See § 744.11(c)(2) of this part.	63 FR 64322, 11/19/98; 65 FR 14447, 3/17/00.
	Engine Division, Hindustan Aeronautics Limited (HAL), Bangalore.	For all items subject to the EAR.	See § 744.11(c)(2) of this part.	63 FR 64322, 11/19/98; 65 FR 14447, 3/17/00.
	Ferrodie Private Limited (FPL), Thane .....	For all items subject to the EAR.	See § 744.11(c)(2) of this part.	63 FR 64322, 11/19/98; 65 FR 14447, 3/17/00.
	Godrej & Boyce Mfg., Co., Ltd., Precision Equipment Division (PED) and Tool Room Division, Mumbai (formerly Bombay).	For all items subject to the EAR.	See § 744.11(c)(2) of this part.	63 FR 64322, 11/19/98; 65 FR 14447, 3/17/00.
	Hazira Ammonia Plant, (collocated at the Hazira Heavy Water Production Facility) Krishak Bharati Cooperative, Ltd., Hazira.	For all items subject to the EAR.	See § 744.11(c)(2) of this part.	63 FR 64322, 11/19/98; 65 FR 14447, 3/17/00.
	Indian Institute of Science (IIS), Departments of: Aerospace Engineering and Space Technology Cell, Bangalore.	For all items subject to the EAR.	See § 744.11(c)(1) of this part.	63 FR 64322, 11/19/98; 65 FR 14447, 3/17/00.
	Indian Institute of Technology (IIT), Departments of: Aerospace Engineering and Space Technology Cell, Chennai (formerly Madras).	For all items subject to the EAR.	See § 744.11(c)(1) of this part.	63 FR 64322, 11/19/98; 65 FR 14447, 3/17/00.

ISRAEL .....	Indian Institute of Technology (IIT), Departments of: Physics, Aerospace Engineering, and Space Technology Cell, Mumbai (formerly Bombay).	For all items subject to the EAR.	See § 744.11(c)(1) of this part.	63 FR 64322, 11/19/98; 65 FR 14447, 3/17/00.
	Indian Rare Earths, Ltd., (IREL), located in Mumbai (formerly Bombay) and subordinate entities specifically listed in Appendix A to this supplement.	For all items subject to the EAR.	See § 744.11(c)(2) of this part.	62 FR 35335, 6/30/97; 63 FR 64322, 11/19/98; 65 FR 14447, 3/17/00.
	Kirloskar Brothers, Ltd. (KB), Pune .....	For all items subject to the EAR.	See § 744.11(c)(2) of this part.	63 FR 64322, 11/19/98; 65 FR 14447, 3/17/00.
	Larsen & Toubro, Ltd. (L&T), Hazira Works, Hazira .....	For all items subject to the EAR.	See § 744.11(c)(2) of this part.	63 FR 64322, 11/19/98; 65 FR 14447, 3/17/00.
	Machine Tool Aids & Reconditioning (MTAR), Hyderabad.	For all items subject to the EAR.	See § 744.11(c)(2) of this part.	63 FR 64322, 11/19/98; 65 FR 14447, 3/17/00.
	Mishra Dhatu Nigam, Ltd. (MIDHANI), Hyderabad .....	For all items subject to the EAR.	See § 744.11(c)(2) of this part.	63 FR 64322, 11/19/98; 65 FR 14447, 3/17/00.
	National Aerospace Laboratory, Bangalore .....	For all items subject to the EAR.	See § 744.11(c)(1) of this part.	63 FR 64322, 11/19/98; 65 FR 14447, 3/17/00.
	National Trisonic Aerodynamic Facility, National Aerospace Laboratory, Bangalore.	For all items subject to the EAR.	See § 744.11(c)(1) of this part.	63 FR 64322, 11/19/98; 65 FR 14447, 3/17/00.
	The Nuclear Power Corporation of India, Ltd. (NPCIL), located in Mumbai (formerly Bombay) and subordinate entities specifically listed in Appendix A to this supplement.	For all items subject to the EAR.	See § 744.11(c)(2) of this part.	63 FR 64322, 11/19/98; 65 FR 14447, 3/17/00.
	Precision Controls, Chennai (formerly Madras) .....	For all items subject to the EAR.	See § 744.11(c)(2) of this part.	63 FR 64322, 11/19/98; 65 FR 14448, 3/17/00.
	Rama Krishna Engineering Works (REW), Chennai (formerly Madras).	For all items subject to the EAR.	See § 744.11(c)(2) of this part.	63 FR 64322, 11/19/98; 65 FR 14448, 3/17/00.
	Talcher Ammonia Plant, (collocated at Talcher Heavy Water Production Facility) Fertilizer Corporation of India, Ltd., Talcher.	For all items subject to the EAR.	See § 744.11(c)(2) of this part.	63 FR 64322, 11/19/98; 65 FR 14448, 3/17/00.
	Thal-Vaishet Ammonia Plant, (collocated at Thal-Vaishet Heavy Water Production Facility), Rashtriya Chemicals & Fertilizers, Thal-Vaishet in Maharashtra.	For all items subject to the EAR.	See § 744.11(c)(2) of this part.	63 FR 64322, 11/19/98; 65 FR 14448, 3/17/00.
	Tuticorin Ammonia Plant, (collocated at Tuticorin Heavy Water Production Facility), Southern Petrochemical Industries Corporation, Tuticorin.	For all items subject to the EAR.	See § 744.11(c)(2) of this part.	63 FR 64322, 11/19/98; 65 FR 14448, 3/17/00.
	Uranium Corporation of India, Ltd. (UCIL), located in Jaduguda and subordinate entities specifically listed in Appendix A to this supplement.	For all items subject to the EAR.	See § 744.11(c)(2) of this part.	63 FR 64322, 11/19/98; 65 FR 14448, 3/17/00.
	Walchandnagar Industries, Ltd. (WIL), Nadu Desarai and Mahad.	For all items subject to the EAR.	See § 744.11(c)(2) of this part.	63 FR 64322, 11/19/98; 65 FR 14448, 3/17/00.
	Ben Gurion University, Israel .....	For computers above the Tier 3 level described in § 742.12(b)(3)(i)(B).	Case-by-case basis .....	62 FR 4910, 2/3/97.
	Nuclear Research Center at Negev Dimona, Israel .....	For all items subject to the EAR.	Case-by-case basis .....	62 FR 35334, 6/30/97.
	Abdul Qader Khan Research Laboratories, a.k.a. Khan Research Laboratories (KRL), a.k.a. Engineering Research Laboratories (ERL), Kahuta.	For all items subject to the EAR.	See § 744.11(c)(1) of this part.	63 FR 64322, 11/19/98; 65 FR 14448, 3/17/00.
	Al Technique Corporation of Pakistan, Ltd. ....	For all items subject to the EAR.	See § 744.11(c)(2) of this part.	63 FR 64322, 11/19/98; 65 FR 14448, 3/17/00.
PAKISTAN .....				

Country	Entity	License requirement	License review policy	Federal Register citation
	Allied Trading Co. ....	For all items subject to the EAR.	See § 744.11(c)(2) of this part.	63 FR 64322, 11/19/98; 65 FR 14448, 3/17/00.
	ANZ Importers and Exporters, Islamabad .....	For all items subject to the EAR.	See § 744.11(c)(2) of this part.	63 FR 64322, 11/19/98; 65 FR 14448, 3/17/00.
	Armed Forces Institute of Pathology—Rawalpindi Laboratory.	For all items subject to the EAR having a classification other than EAR99.	See § 744.12(c) of this part	63 FR 64322, 11/19/98.
	Center for Advanced Molecular Biology, Lahore .....	For all items subject to the EAR having a classification other than EAR99.	See § 744.12(c) of this part	63 FR 64322, 11/19/98.
	Combat Development Directorate (CDD) .....	For all items subject to the EAR having a classification other than EAR99.	See § 744.12(c) of this part	63 FR 64322, 11/19/98.
	Defence Science and Technology Organization (DESTO) located in Rawalpindi and subordinate entities specifically listed in Appendix B to this supplement.	For all items subject to the EAR.	See § 744.11(c)(1) of this part.	63 FR 64322, 11/19/98; 65 FR 14448, 3/17/00.
	Engineering and Technical Services, Islamabad .....	For all items subject to the EAR.	See § 744.11(c)(2) of this part.	63 FR 64322, 11/19/98; 65 FR 14448, 3/17/00.
	Engineering Research Laboratories (ERL), a.k.a. Abdul Qader Khan Research Laboratories, a.k.a. Khan Research Laboratories (KRL), Kahuta.	For all items subject to the EAR.	See § 744.11(c)(1) of this part.	63 FR 64322, 11/19/98; 65 FR 14448, 3/17/00.
	Gadwal Ammunition Plant .....	For all items subject to the EAR having a classification other than EAR99.	See § 744.12(c) of this part	63 FR 64322, 11/19/98.
	Gadwal Uranium Enrichment Plant .....	For all items subject to the EAR.	See § 744.11(c)(1) of this part.	63 FR 64322, 11/19/98; 65 FR 14449, 3/17/00.
	Ghulam Ishaq Khan Institute of Technology, Topai .....	For all items subject to the EAR.	See § 744.11(c)(1) of this part.	63 FR 64322, 11/19/98; 65 FR 14449, 3/17/00.
	Golra Ultracentrifuge Plant, Golra .....	For all items subject to the EAR.	See § 744.11(c)(1) of this part.	63 FR 64322, 11/19/98; 65 FR 14449, 3/17/00.
	Goth Macchi Nitrogen Fertilizer Plant, Sadiqabad .....	For all items subject to the EAR having a classification other than EAR99.	See § 744.12(c) of this part	63 FR 64322, 11/19/98.
	Haripur Nitrogen Fertilizer Plant, Hazara .....	For all items subject to the EAR having a classification other than EAR99.	See § 744.12(c) of this part	63 FR 64322, 11/19/98.
	Havelian Explosives and Ammunition Plant .....	For all items subject to the EAR having a classification other than EAR99.	See § 744.12(c) of this part	63 FR 64322, 11/19/98.
	High Technologies, Ltd., Islamabad .....	For all items subject to the EAR.	See § 744.11(c)(2) of this part.	63 FR 64322, 11/19/98; 65 FR 14449, 3/17/00.
	Karachi CBW Research Institute, University of Karachi's Husein Ebrahim Jamal Research Institute of Chemistry (HEJRIC).	For all items subject to the EAR having a classification other than EAR99.	See § 744.12(c) of this part	63 FR 64322, 11/19/98.



Karachi Naval Base and Naval Hqs. And Dockyard .....	For all items subject to the EAR having a classification other than EAR99.	See § 744.12(c) of this part	63 FR 64322, 11/19/98.
Karachi Superphos Fertilizer Plant, Al Noor .....	For all items subject to the EAR having a classification other than EAR99.	See § 744.12(c) of this part	63 FR 64322, 11/19/98.
Khan Research Laboratories (KRL) a.k.a. Abdul Qader Khan Research Laboratories, a.k.a. Engineering Research Laboratories (ERL), Kahuta.	For all items subject to the EAR.	See § 744.11(c)(1) of this part.	63 FR 64322, 11/19/98; 62 FR 35334, 6/30/97; 65 FR 14449, 3/17/00.
Khewra Soda Ash Plant, Soda Ash Businesses, Soda Ash Works, Khewra Distt. Jhelum, (owned by ICI Pakistan Limited).	For all items subject to the EAR having a classification other than EAR99.	See § 744.12(c) of this part	63 FR 64322, 11/19/98; 64 FR 14606, 3/26/99
Lahore Weapons Plant, PEC .....	For all items subject to the EAR having a classification other than EAR99.	See § 744.12(c) of this part	63 FR 64322, 11/19/98.
Lastech Associates, Islamabad. ....	For all items subject to the EAR.	See § 744.11(c)(2) of this part.	63 FR 64322, 11/19/98; 65 FR 14449, 3/17/00.
Machinery Master Enterprises, Islamabad .....	For all items subject to the EAR.	See § 744.11(c)(2) of this part.	63 FR 64322, 11/19/98; 65 FR 14449, 3/17/00.
Maple Engineering Pvt. Ltd. Consultants, Importers and Exporters.	For all items subject to the EAR.	See § 744.11(c)(2) of this part.	63 FR 64322, 11/19/98; 65 FR 14449, 3/17/00.
Mirpur Nitrogen Fertilizer Plant, Mathelo .....	For all items subject to the EAR having a classification other than EAR99.	See § 744.12(c) of this part	63 FR 64322, 11/19/98.
Modern Engineering Services, Ltd., Islamabad .....	For all items subject to the EAR.	See § 744.11(c)(2) of this part.	63 FR 64322, 11/19/98; 65 FR 14449, 3/17/00.
Multan Chemical Fertilizer Plant .....	For all items subject to the EAR having a classification other than EAR99.	See § 744.12(c) of this part	63 FR 64322, 11/19/98.
National Development Centre .....	For all items subject to the EAR.	See § 744.11(c)(1) of this part.	62 FR 35335, 6/30/97; 63 FR 64322, 11/19/98; 65 FR 14450, 3/17/00.
National Institute of Biotechnology and Genetic Engineering, Faisalabad.	For all items subject to the EAR having a classification other than EAR99.	See § 744.12(c) of this part	63 FR 64322, 11/19/98.
Orient Importers and Exporters, Islamabad .....	For all items subject to the EAR.	See § 744.11(c)(2) of this part.	63 FR 64322, 11/19/98; 65 FR 14450, 3/17/00.
Pakistan Atomic Energy Commission (PAEC) located in Islamabad and subordinate entities specifically listed in Appendix B to this supplement.	For all items subject to the EAR.	See § 744.11(c)(1) of this part.	63 FR 64322, 11/19/98; 65 FR 14450, 3/17/00.
Pakistan Institute for Nuclear Science and Technology (PINSTECH) located in Islamabad and subordinate entities specifically listed in Appendix B to this supplement.	For all items subject to the EAR.	See § 744.11(c)(1) of this part.	62 FR 35334, 6/30/97; 63 FR 64322, 11/19/98; 65 FR 14450, 3/17/00.
Pakistan Ordnance Factories .....	For all items subject to the EAR.	See § 744.11(c)(1) of this part.	63 FR 64322, 11/19/98; 65 FR 14450, 3/17/00.
People's Steel Mills, Karachi .....	For all items subject to the EAR.	See § 744.11(c)(1) of this part.	63 FR 64322, 11/19/98; 65 FR 14450, 3/17/00.
Prime International .....	For all items subject to the EAR.	See § 744.11(c)(2) of this part.	63 FR 64322, 11/19/98; 65 FR 14450, 3/17/00.

Country	Entity	License requirement	License review policy	Federal Register citation
RUSSIA .....	Saniwal Ammunition Plant .....	For all items subject to the EAR having a classification other than EAR99.	See § 744.12(c) of this part	63 FR 64322, 11/19/98.
	Scientific and Technical Technology, Ltd., Islamabad ..	For all items subject to the EAR.	See § 744.11(c)(2) of this part.	63 FR 64322, 11/19/98; 65 FR 14450, 3/17/00.
	Sihala Ultracentrifuge Plant, Sihala .....	For all items subject to the EAR.	See § 744.11(c)(1) of this part.	63 FR 64322, 11/19/98; 65 FR 14450, 3/17/00.
	Space and Upper Atmospheric Research Commission (SUPARCO) and subordinate entities specifically listed in Appendix B to this supplement.	For all items subject to the EAR.	See § 744.11(c)(1) of this part.	63 FR 64322, 11/19/98; 65 FR 14450, 3/17/00.
	Space Research Council .....	For all items subject to the EAR.	See § 744.11(c)(1) of this part.	63 FR 64322, 11/19/98; 65 FR 14450, 3/17/00.
	Technical Services, Islamabad .....	For all items subject to the EAR.	See § 744.11(c)(2) of this part.	63 FR 64322, 11/19/98; 65 FR 14450, 3/17/00.
	The Tempest Trading Company, Islamabad .....	For all items subject to the EAR.	See § 744.11(c)(2) of this part.	63 FR 64322, 11/19/98; 65 FR 14450, 3/17/00.
	Unique Technical Promoters .....	For all items subject to the EAR.	See § 744.11(c)(2) of this part.	63 FR 64322, 11/19/98; 65 FR 14450, 3/17/00.
	Wah Chemical Product Plant .....	For all items subject to the EAR having a classification other than EAR99.	See § 744.12(c) of this part	63 FR 64322, 11/19/98.
	Wah Munitions Plant, a.k.a. Explosives Factory, Pakistan Ordnance Factories (POF).	For all items subject to the EAR.	See § 744.11(c)(1) of this part.	63 FR 64322, 11/19/98; 65 FR 14450, 3/17/00.
	All-Russian Scientific Research Institute of Technical Physics, (aka VNIITF, Chelyabinsk-70, All-Russian Research Institute of Technical Physics, ARITP, Russian Federal Nuclear Center) located in either Snezhinsk or Kremlev.	For all items subject to the EAR.	Case-by-case basis .....	62 FR 35334, 6/30/97.
	All-Union Scientific Research Institute of Experimental Physics, (aka VNIIEF, Arzamas-16, Russian Federal Nuclear Center, All Russian Research Institute of Experimental Physics, ARIEP, Khariton Institute) located in either Snezhinsk or Kremlev.	For all items subject to the EAR.	Case-by-case basis .....	62 FR 35334, 6/30/97.
	Baltic State Technical University, 1/21, 1-ya Krasnoarmeiskaya Ul., 198005, St. Petersburg.	For all items subject to the EAR (see § 744.10 of the EAR).	Presumption of denial .....	63 FR 40363, 7/29/98.
	Europalace 2000, Moscow .....	For all items subject to the EAR (see § 744.10 of the EAR).	Presumption of denial .....	63 FR 40363, 7/29/98.
	Glavkosmos, 9 Krasnoproletarskaya St., 103030 Moscow..	For all items subject to the EAR (see § 744.10 of the EAR).	Presumption of denial .....	63 FR 40363, 7/29/98.
	Grafit (aka State Scientific Research Institute of Graphite or NIIGRAFIT), 2 Ulitsa Elektrodnyaya, 111524, Moscow.	For all items subject to the EAR (see § 744.10 of the EAR).	Presumption of denial .....	63 FR 40363, 7/29/98.

INOR Scientific Center, Moscow, Russia .....	For all items subject to the EAR (see § 744.10 of the EAR).	Presumption of denial .....	63 FR 40363, 7/29/98.
Medeleev University of Chemical Technology of Russia (including at 9 Miuskaya Sq. Moscow 125047, Russia).	For all items subject to the EAR (see § 744.10 of the EAR).	Presumption of denial .....	64 FR 14606 March 26, 1999.
Ministry for Atomic Power of Russia (any entities, institutes, or centers associated with) located in either Snezhinsk or Kremlev.	For all items subject to the EAR.	Case-by-case basis .....	62 FR 35334, 6/30/97.
Moscow Aviation Institute (MAI) (including at 4 Volokolamskoye Shosse, Moscow 125871, Russia).	For all items subject to the EAR (see § 744.10 of the EAR).	Presumption of denial .....	64 FR 14606 March 26, 1999.
MOSO Company, Moscow .....	For all items subject to the EAR (see § 744.10 of the EAR).	Presumption of denial .....	63 FR 40363, 7/29/98.
Polyus Scientific Production Association, 3 Ulitsa Vvedenskogo, 117342, Moscow.	For all items subject to the EAR (see § 744.10 of the EAR).	Presumption of denial .....	63 FR 40363, 7/29/98.
The Scientific Research and Design Institute of Power Technology (a.k.a. NIKIET, Research and Development Institute of Power Engineering (RDIPE), and ENTEK) (including at 101000, P.O. Box 788, Moscow, Russia).	For all items subject to the EAR (see § 744.10 of the EAR).	Presumption of denial .....	64 FR 14606 March 26, 1999.

APPENDIX A TO SUPPLEMENT NO. 4 TO PART 744 (ENTITY LIST)—LISTED SUBORDINATES OF LISTED INDIAN ORGANIZATIONS

The subordinates listed in this appendix are considered listed entities to the Entity List. Subordinates have the same license requirements and review policy as the organizations they are identified under. The subordinates in this appendix are listed in alphabetical order under the organization that they are identified with, which are also listed in alphabetical order.

DEFENCE RESEARCH AND DEVELOPMENT ORGANIZATION (DRDO):

Aerial Delivery Research and Development Establishment (ADRDE), Agra  
Aeronautical Development Establishment (ADE), Bangalore  
Armament Research and Development Establishment (ARDE), Pune  
Centre for Aeronautical Systems Studies and Analysis (CASSA), Bangalore  
Defence Electronics Applications Laboratory (DEAL), Dehra Dun  
Defence Electronics Research Laboratory (DERL or DLRL), Hyderabad  
Defence Laboratory (DL), Jodhpur  
Defence Materials and Store Research and Development Establishment (DMSRDE), Kanpur  
Defence Metallurgical Research Laboratory (DMRL), Hyderabad  
Defence Research and Development Establishment (DRDE), Gwalior  
Defence Research and Development Laboratory (DRDL), Hyderabad  
Defence Science Centre (DSC), New Delhi  
Electronics and Radar Development Establishment (ERDE or LRDE), Bangalore  
Explosive Research and Development Laboratory (ERDL), Pune  
Gas Turbine Research Establishment (GTRE), Bangalore  
Institute of Armament Technology (IAT), Pune  
Instruments Research and Development Establishment (IRDE), Dehra Dun  
The Missile Research and Development Complex, Imarat, Hyderabad  
National Test Range, Baliabad  
Naval Physical and Oceanographic Laboratory (NPOL), Cochin  
Naval Science and Technological Laboratory (NSTL), Vishakhapatnam  
Research and Development Establishment (Engineers) (R&DE (ENGRS)), Pune  
Solid State Physics Laboratory (SSPL), New Delhi  
Terminal Ballistics Research Laboratory (TBRL), Chandigarh  
Vehicles Research and Development Establishment, Ahmednagar

DEPARTMENT OF ATOMIC ENERGY (DAE):

Advanced Fuel Fabrication Facility, Tarapur  
Aspara Research Reactor, Trombay  
The Atomic Minerals Division (AMD), Hyderabad  
Baroda Heavy Water Production Facility, Baroda  
Beryllium Machining Facility, Mumbai  
Bhabha Atomic Research Center (BARC), Trombay/Mumbai  
Board of Radiation and Isotope Technology (BRIT), Mumbai  
Boron Enrichment Plant, Trombay  
Central Workshops, Trombay  
Centre for Advanced Technology (CAT), Indore  
Centre for the Compositional Characterization of Materials, Hyderabad  
Ceramic Fuels Fabrication Plant, Hyderabad  
Cirus Reactor, Mumbai  
Construction Services and Estate Management Group, Mumbai  
Dhruva Reactor, Mumbai  
Directorate of Purchase and Stores (DPS), Mumbai  
Fast Breeder Test Reactor (FBTR), Kalpakkam  
Fast Reactor Fuel Reprocessing Plant (FRFRP), Kalpakkam  
General Services Organization, Kalpakkam  
Hazira Heavy Water Production Facility, Hazira  
Heavy Water Board, Mumbai  
Indira Gandhi Center for Atomic Research (IGCAR), Kalpakkam  
Kalpakkam Reprocessing Plant (KARP), (a.k.a. Kalpakkam Fuel Reprocessing Plant), Kalpakkam  
Kamini Research Reactor, Kalpakkam  
Kota Heavy Water Production Facility, Kota  
Manuguru Heavy Water Production Facility, Manuguru  
Nangal Heavy Water Production Facility, Nangal  
New Zirconium Sponge Plant, Hyderabad  
Nuclear Fuel Complex (NFC), Hyderabad  
Plutonium Reprocessing Plant, Trombay  
PREFRE Reprocessing Plant, Tarapur  
Prototype Fast Breeder Reactor (PFBR), Kalpakkam  
Purinima Facility, Trombay  
Special Materials Plant, Hyderabad  
Talcher Heavy Water Production Facility, Talcher  
Thal-Vaishet Heavy Water Production Facility, Thal-Vaishet in Maharashtra  
Trombay Reprocessing Plant, Trombay  
Tuticorin Heavy Water Production Facility, Tuticorin  
Uranium Conversion Plant, Trombay  
Uranium Enrichment Plant, Trombay  
Uranium Fuel Assembly Plant, Hyderabad  
Zirconium Fabrication Plant, Hyderabad

**Bureau of Export Administration, Commerce****Pt. 744, Supp. 4****DEPARTMENT OF DEFENSE PRODUCTION AND  
SUPPLIES (DDPS):**

Ambajhari Ordnance Factory  
Chanda Ammunition Loading Plant  
Chanda Ordnance Factory  
Dum Dum Ordnance Factory  
Ishapore Metal and Steel Factory  
Ishapore Rifle Factory  
Itarsi Ordnance Factory  
Kanpur Ordnance Equipment Factory  
Kanpur Ordnance Factory  
Kirkee High Explosives Factory  
Muradnagar Ordnance Factory  
Ordnance Factory Board  
Tiruchchirappalli Ordnance Factory

**DEPARTMENT OF SPACE (DOS):**

Ammonium Perchlorate Experimental Plant,  
Alwaye  
Indian Space Research Organization (ISRO),  
Bangalore  
Indian Space Research Organization (ISRO),  
Telemetry, Tracking and Command Net-  
work (ISTRAC)  
Interim Test Range (ITR), Balasore  
ISRO Inertial Systems Unit (IISU),  
Thiruvananthapuram  
Liquid Propulsion Systems Centre, Ban-  
galore  
Liquid Propulsion Systems Centre,  
Thiruvananthapuram or Valiamala  
Liquid Propulsion Test Facility,  
Mahendragiri  
Meteorological Rocket Station, Balasore  
Physical Research Laboratory (PRL),  
Ahmadabad  
Solid Propellant Space Booster Plant  
(SPROB)  
Space Applications Centre (SAC),  
Ahmadabad  
Space Physics Laboratory  
(SPL), Thiruvananthapuram  
Sriharikota Space Centre (SHAR), Andhra  
Pradesh  
Thumba Equatorial Rocket Launching Sta-  
tion  
Vikram Sarabhai Space Centre (VSSC),  
Thiruvananthapuram

**INDIAN RARE EARTHS, LTD. (IREL):**

India Minerals Separation Plants,  
Chhatrapur, Orissa, and Chavara  
The Mineral Sand Separation Complex,  
Chhatrapur in the Gunjan District of  
Orissa  
Minerals Recovery Plant, Chavara  
Orissa Sands Complex (OSCOM), Chhatrapur  
in the Gunjan District of Orissa  
Rare Earth Development Laboratory,  
Trombay  
Rare Materials Plant, Mysore  
Thorium Plant, Chhatrapur  
Zirconium Oxide Plant, Manavalakuruchi

**THE NUCLEAR POWER CORPORATION OF INDIA,  
LTD. (NPCIL):**

Heavy Water Upgrade Plant, Kakrapar  
Kaiga Atomic Power Project (KAPP), Kaiga  
Kakrapar Atomic Power Station (KAPS),  
Kakrapar  
Kundankulam Atomic Power Project,  
Kundankulam  
Madras Atomic Power Station (MAPS),  
Kalpakkam  
Narora Atomic Power Station (NAPS),  
Bullandshahr (Uttar Pradesh)  
Rajasthan Atomic Power Station (RAPS)  
and Rajasthan Atomic Power Project,  
Rawatbhata  
Tarapur Atomic Power Station (TAPS) and  
Tarapur Atomic Power Project, Tarapur

**URANIUM CORPORATION OF INDIA, LTD. (UCIL):**

Bhatin Uranium Mine and Mill, Bhatin  
Jaduguda Uranium Mine and Mill, Jaduguda  
Narwapahar Uranium Mine and Mill,  
Narwapahar  
Uranium Mine and Mill, Narwapahar,  
Jaduguda, and Bhatin  
Uranium Mine, Turamdih  
Uranium Recovery Plants, Mosabini (a.k.a.  
Masabeni), Rakha and Surda (a.k.a.  
Surdar)

**APPENDIX B TO SUPPLEMENT NO. 4 TO PART  
744 (ENTITY LIST)—LISTED SUBORDINATES  
OF LISTED PAKISTANI ORGANIZATIONS**

The subordinates listed in this appendix  
are considered listed entities to the Entity  
List. Subordinates have the same license re-  
quirements and review policy as the organi-  
zations they are identified under. The subor-  
dinates in this appendix are listed in alpha-  
betical order under the organization that  
they are identified with, which are also list-  
ed in alphabetical order.

**DEFENCE SCIENCE AND TECHNOLOGY  
ORGANIZATION (DESTO):**

Chaklala Defense Science and Technology  
Organization  
Daud Khel Chemical Plant, Lahore  
Karachi CBW & BW Warfare R&D Labora-  
tory

**PAKISTAN ATOMIC ENERGY COMMISSION  
(PAEC):**

Atomic Energy Minerals Centre, Lahore  
Baghalchur Uranium Mine, Baghalchur  
Center for Nuclear Studies, Islamabad (also  
PINSTECH)  
Chasma Fuel Fabrication Plant, Kundian  
Chasma Nuclear Power Plant (CHASNUPP),  
Kundian  
Computer and Development Division,  
KANUPP Institute of Nuclear Power Engi-  
neering (KINPOE)  
Computer Training Center (also PINSTECH),  
Islamabad

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Dera Ghazi Khan Uranium Mine, Dera Ghazi Khan  
Directorate of Technical Development  
Directorate of Technical Equipment  
Directorate of Technical Procurement  
Hard Rock Division, Peshawar  
Hawkes Bay Depot  
Heavy Water Production Plant, KANUPP, Karachi  
Institute of Nuclear Power, Islamabad  
Issa Khel/Kubul Kel Uranium Mines and Mills, Miniawali District  
Karachi Nuclear Power Plant (KANUPP), Karachi  
KANUPP Institute of Nuclear Power Engineering (KINPOE), Karachi  
Khushab Reactor, Khushab, Punjab  
Mineral Sands Program, Karachi  
Multan Heavy Water Production Facility, Multan Division, Punjab  
National Engineering Service of Pakistan, CHASMA Nuclear Power Plant (CHASNUPP), Kundian  
Science and Engineering Services Directorate  
Uranium Conversion Facility, Islamabad

### PAKISTAN INSTITUTE FOR NUCLEAR SCIENCE AND TECHNOLOGY (PINSTECH):

New Laboratories, Rawalpindi  
Nuclear Track Detection Center  
Parr-1 Research Reactor  
Parr-2 Research Reactor  
Pilot Reprocessing Plant, New Laboratories  
Solid State Nuclear Track Detection Center

### SPACE AND UPPER ATMOSPHERIC RESEARCH COMMISSION (SUPARCO):

Aerospace Institute, Islamabad  
Computer Center, Karachi  
Control System Laboratories  
Flight Test Range, Sonmiani Beach  
Instrumentation Laboratories, Karachi  
Material Research Division  
Quality Control and Assurance Unit  
Rocket Bodies Manufacturing Unit  
Solid Composite Propellant Unit  
Space and Atmospheric Research Center, Karachi  
Static Test Unit, Karachi

[63 FR 64325, Nov. 19, 1998, as amended at 63 FR 65552, Nov. 27, 1998; 64 FR 14606, Mar. 26, 1999; 64 FR 28910, May 28, 1999; 65 FR 14446, Mar. 17, 2000; 65 FR 45843, July 26, 2000; 65 FR 60856, Oct. 13, 2000]

## PART 745—CHEMICAL WEAPONS CONVENTION REQUIREMENTS

### Sec.

745.1 Advance notification and annual report of all exports of Schedule 1 chemicals to other States Parties.

## 15 CFR Ch. VII (1–1–01 Edition)

745.2 End-Use Certificate reporting requirements under the Chemical Weapons Convention.

### SUPPLEMENT NO. 1 TO PART 745—SCHEDULES OF CHEMICALS

### SUPPLEMENT NO. 2 TO PART 745—STATES PARTIES TO THE CONVENTION ON THE PROHIBITION OF THE DEVELOPMENT, PRODUCTION, STOCKPILING, AND USE OF CHEMICAL WEAPONS AND ON THEIR DESTRUCTION

### SUPPLEMENT NO. 3 TO PART 745—FOREIGN GOVERNMENT AGENCIES RESPONSIBLE FOR ISSUING END-USE CERTIFICATES PURSUANT TO § 745.2

AUTHORITY: 50 U.S.C. 1701 *et seq.*; E.O. 12938, 59 FR 59099, 3 CFR, 1994 Comp., p. 950; Notice of November 12, 1998, 63 FR 63589, 3 CFR, 1998 Comp., p. 305; Notice of August 10, 1999, 64 FR 44101 (August 13, 1999).

SOURCE: 64 FR 27143, May 18, 1999, unless otherwise noted.

### § 745.1 Advance notification and annual report of all exports of Schedule 1 chemicals to other States Parties.

Pursuant to the Convention, the United States is required to notify the Organization for the Prohibition of Chemical Weapons (OPCW) not less than 30 days in advance of every export of a Schedule 1 chemical, in any quantity, to another State Party. In addition, the United States is required to provide a report of all exports of Schedule 1 chemicals to other States Parties during each calendar year. If you plan to export any quantity of a Schedule 1 chemical controlled under the EAR and licensed by the Department of Commerce or controlled under the International Traffic in Arms Regulations (ITAR) and licensed by the Department of State, you are required under this section to notify the Department of Commerce in advance of this export. You are also required to provide an annual report of exports that actually occurred during the previous calendar year. The United States will transmit the advance notifications and an aggregate annual report to the OPCW of exports of Schedule 1 chemicals from the United States. Note that the notification and annual report requirements of this section do not relieve the exporter of any requirement to obtain a license from the Department of Commerce for